

**Interreg
Europe**



European Union | European Regional Development Fund



*Sharing solutions
for better regional policies*

Collaborative Digitization of Natural and Cultural Heritage, CD-ETA

Introduction to Western Greece



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS

Dr. Constantinos Antonopoulos
Post-doctoral Researcher in Environment and Development
Dept. of Environmental & Natural Resources Management, University of Patras
Email: antonopc@upatras.gr



Ionian Sea

Ionian Islands

Continental Greece

Peloponnese

Aprox. scale 1 cm = 125 km



Source: "Ionian Sea borders" by ~ GFDL



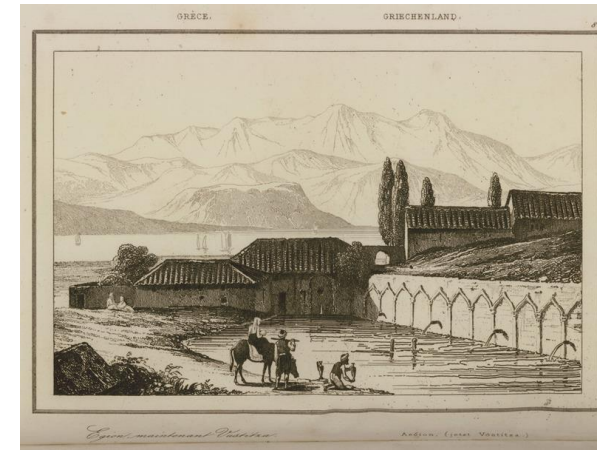
Western Greece - Territory

- Peloponnesian Peninsula
- Ionian Sea litoral
- Gulfs of Patras and Corinth, Amvrakikos, Kyparissiakos
- Southern Extension of Pindus Mountain Range, Panachaiko, Erymanthos, Aroania.



Main cities

- 3 unique provinces with distinct heritage: Achaia, Ileia, Aitolokarnania
- Main Cities: Patras, Agrinio, Pyrgos, Aigio, Messolonghi, Nafpaktos, Kalavryta.
- Major urban centre: Patras: Greece's third largest city, the capital of Western Greece and ferry port to Italy.



Aigio



Nafpaktos

CC License



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS



The three provinces and their sites

Achaia



Kalavryta ski resort , Vineyards of Achaia, Rio Casino, Patras Carnival, the Archaeological Museum of Patras, Vouraikos Gorge, Monastery of Agia Lavra, the Wall of Dymaeans -Prehistoric Acropolis

Ilia



Olympia Archaeological Site, Ancient Ilida, Temple of Aphrodite, Temple of Apollo Epicurios, Ancient stadium of Olympia, Temple of Zeus at Olympia, 5 Museums, Kaiafas Thermal Spa, Lagoon of Kotychi, Strofilia Forest

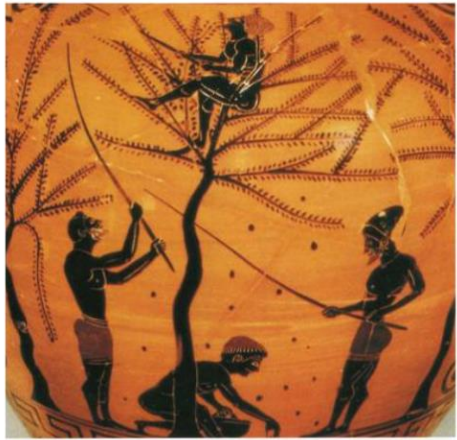
Etolokarnania



Cyclopes Cave, The Great Kleisoura Gorge, Lakes reflecting beauty, Trichonis Lake, Voulkania Lake, Lagoon of Messolonghi, Byzantine Castles, Monasteries



Living Heritage



"Συγκομιδή ελαιολάδου".
Λεπτομέρεια από αίσωοά του 6ου αι. π.Χ., Βοτανικό Μουσείο.



Olive picking
à l'ancienne



Monks making
rose sugar paste
in Aigio

Horse-
riding in Ilia



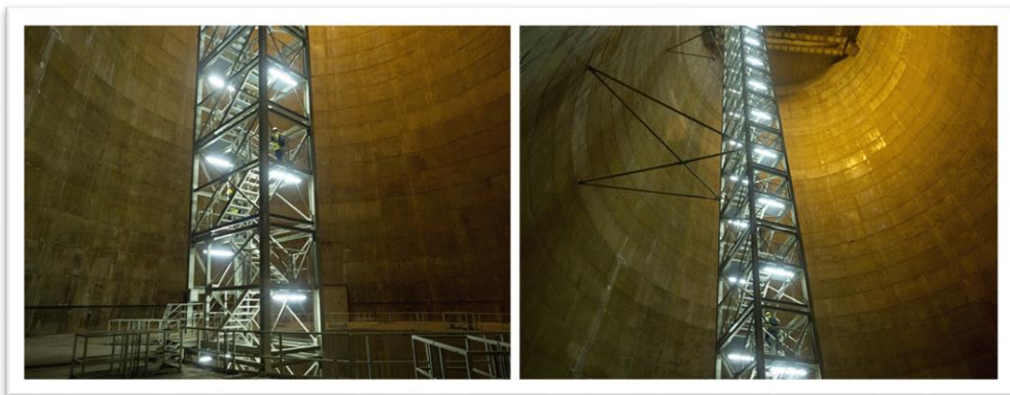
Grape Harvest

Andravida horse show,
Pictures by N. Antonopoulos

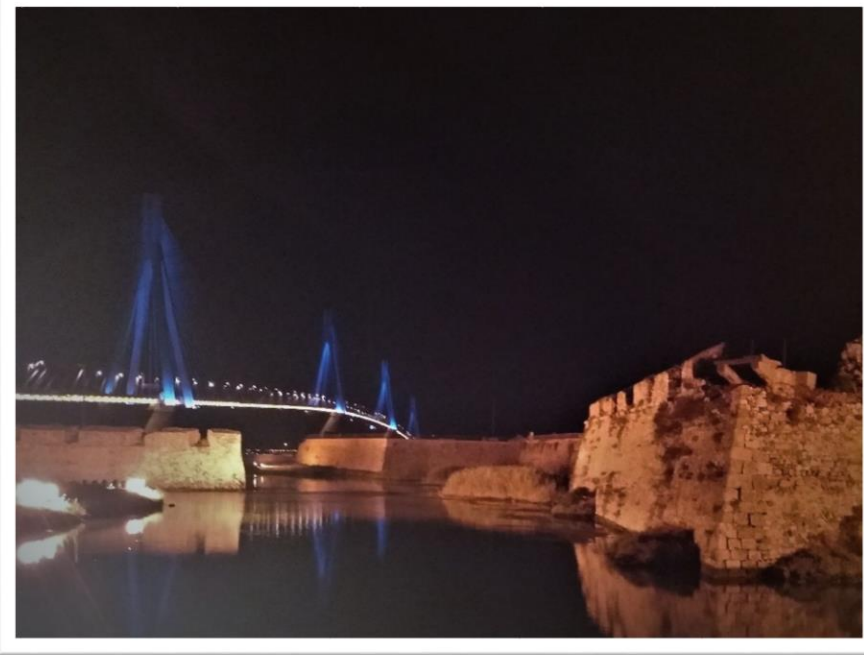


ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS

Rio-Antirio Bridge



Deep inside the pillars...



Fortress of
Rio



Regional Brand



REGION
OF WESTERN
GREECE

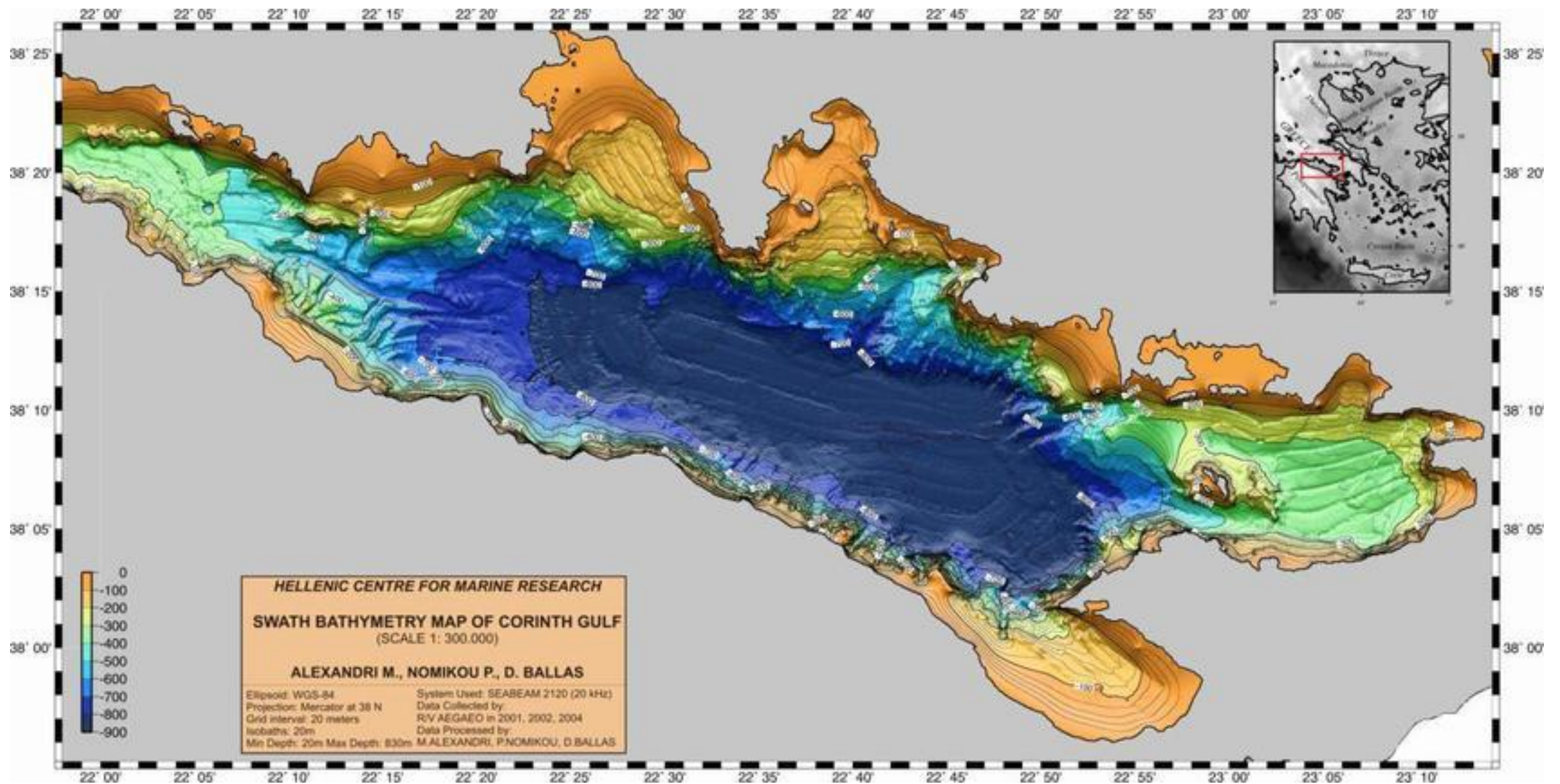
full of contrast!

View from the summit of Aroania 2355 m



Picture by L. Antonopoulos

The depths of Corinth Gulf -900 m





Flora





Messolonghi Lagoon



Water of Styx



Hercules captures the Hind of Ceryneia

Heracles captures the Hind of Keryneia, breaking off one of its golden horns. The Apollo for the left and Artemis for the right. The hind is a gift from Vulci.

By Unknown, Jastrow (2006), Public Domain, https://commons.wikimedia.org/wiki/File:Heracles_and_the_Hind_of_Ceryneia.jpg?curid=311116



Battle of Lepanto 1571

1603, Oil on canvas, Palazzo Ducale, Venice, Photo CC License

Messolonghi-Aitoliko



E. Delacroix, "Greece expiring on the Ruins of Missolonghi", 1826, Musée des Beaux-Arts de Bordeaux, Public Domain



T. Philips, ca 1831, Portrait of George Gordon (1788-1824) 6th Baron Byron of Rochdale in Albanian Dress, National Portrait Gallery, London.



Aitoliko, Source: <https://iaitoloakarnania.gr/2016/04/etoliko-i-mikri-venetia-tis-ellados/>



Messolonghi Aerial View, Source: view-source:http://www.messolonghibyronsociety.gr/images/byronsite/messolonghi/01_aerial_01.jpg





Municipal Museum of Kalavryta Holocaust

Source: http://1.bp.blogspot.com/-IKNk8oiGnM/VnWlwW9VyAI/AAAAAAAAO2c/arZ-YDHDcNo/s1600/BNIM872_GREPAR_P_20150519181809.jpg



Kalavryta
ski resort

Diakofto- Kalavryta Heritage Railway

1905





The Convent of Mega Spileon ca. 1890

Library of Congress Photocrom Print Collection

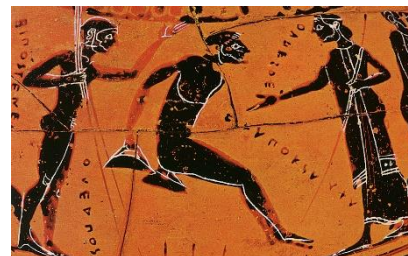
P. 2 - GRÈCE: COUVENT MEGA SPILEON

Photoglob Co., Publisher. Grèce. Couvent Mega Spileon. Greece, ca. 1890. [Zürich: Photoglob Company, to 1910] Photograph. Retrieved from the Library of Congress, <https://www.loc.gov/item/2017658144/>. (Accessed March 10, 2018.)

Olympia



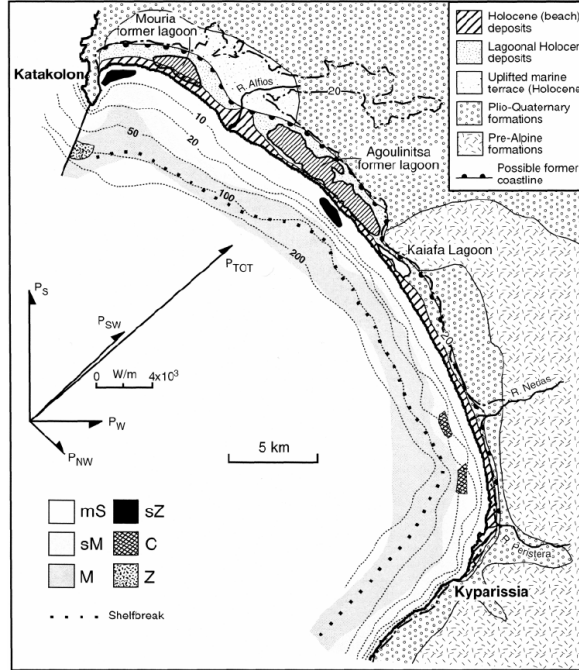
Source: Reuters/Behrakis



Source: <http://www.greece-is.com/idealism-meets-reality/>



Ilia



The diagram comes from Poulos et al (2002) Sediment fluxes and the evolution of a riverine-supplied tectonically-active coastal system: Kyparissiakos Gulf, Ionian Sea (eastern Mediterranean), Nov 2002



Achaia: Patras City

- 4,000 years of continuous human habitation
- Divided in Upper and Lower town and Steps
- Industrial Heritage
- Historical and Archeological Monuments
- Festivals
- Carnival of Patras



Port of Patras ca. 1890

Library of Congress Photocrom Print
Collection

18125. P. Z. - PATRAS. LE PORT.

Photoglob Co., Publisher. Patras. Le Port. Greece Patra, ca. 1890. [Zürich: Photoglob Company, to 1910] Photograph. Retrieved from the Library of Congress, <https://www.loc.gov/item/2017658129/>. (Accessed March 10, 2018.)

Patras 1910



17100—Greek Immigrants Embarking in Small Boat for Steamer for America, Patras, Greece,

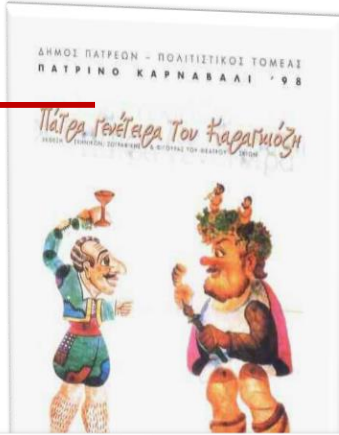
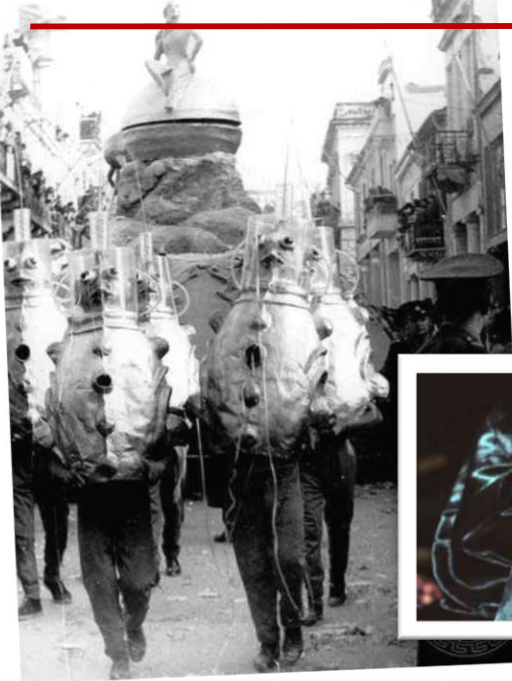
Greek immigrants embarking in small boat for steamer for America, Patras, Greece. , ca. 1910. July 11. Photograph. Retrieved from the Library of Congress, <https://www.loc.gov/item/2003680488/>. (Accessed March 10, 2018.)

Immigration



The ocean liner Saturnia

Patras Carnival





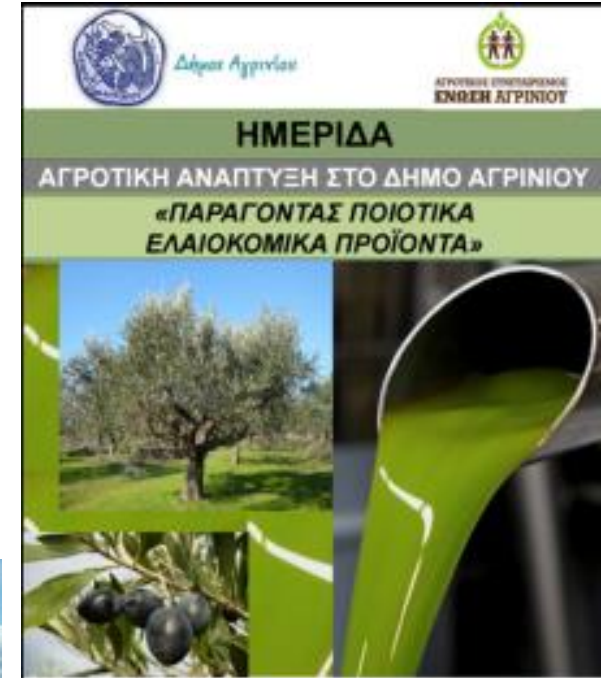
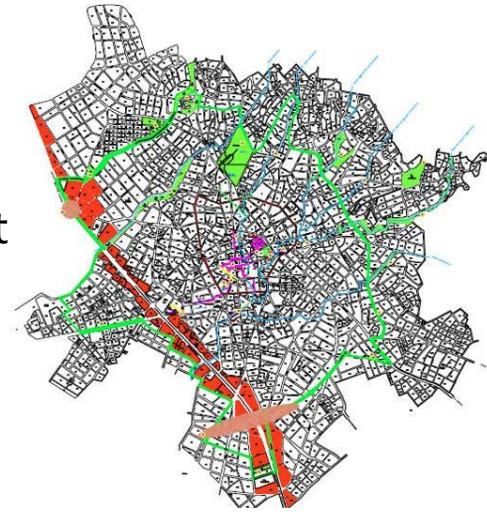
Aitoloakarnania: Agrinio

Tobacco



Συγκομιδή φυτωρίων προς μεταφύτευσιν
Récolte des plantes prêtes pour la transplantation

Agrinio
Sustainable
Urban
Development
Plan



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS

Industrial decline: closures



VESO

Source: "VESO in 1996" by Konstantin Thorvald Barlas, Facebook, Patras Old Photos



EGL

Source: www.patrasevents.gr/article/118337-to-palio-egkataleimeno-ergostasio-ladopoulosou-didaskeitin-istoria-tis-patras#

Industrial Heritage



Medieval Olive Press in Achaia



Achaia Clauss Wine Castle



Source: Pictures by N. Antonopoulos



ΠΑΝΕΠΙΣΤΗΜΙΟ
ΠΑΤΡΩΝ
UNIVERSITY OF PATRAS



Threats: Devaluation of Heritage

Depopulation and Deserted Villages



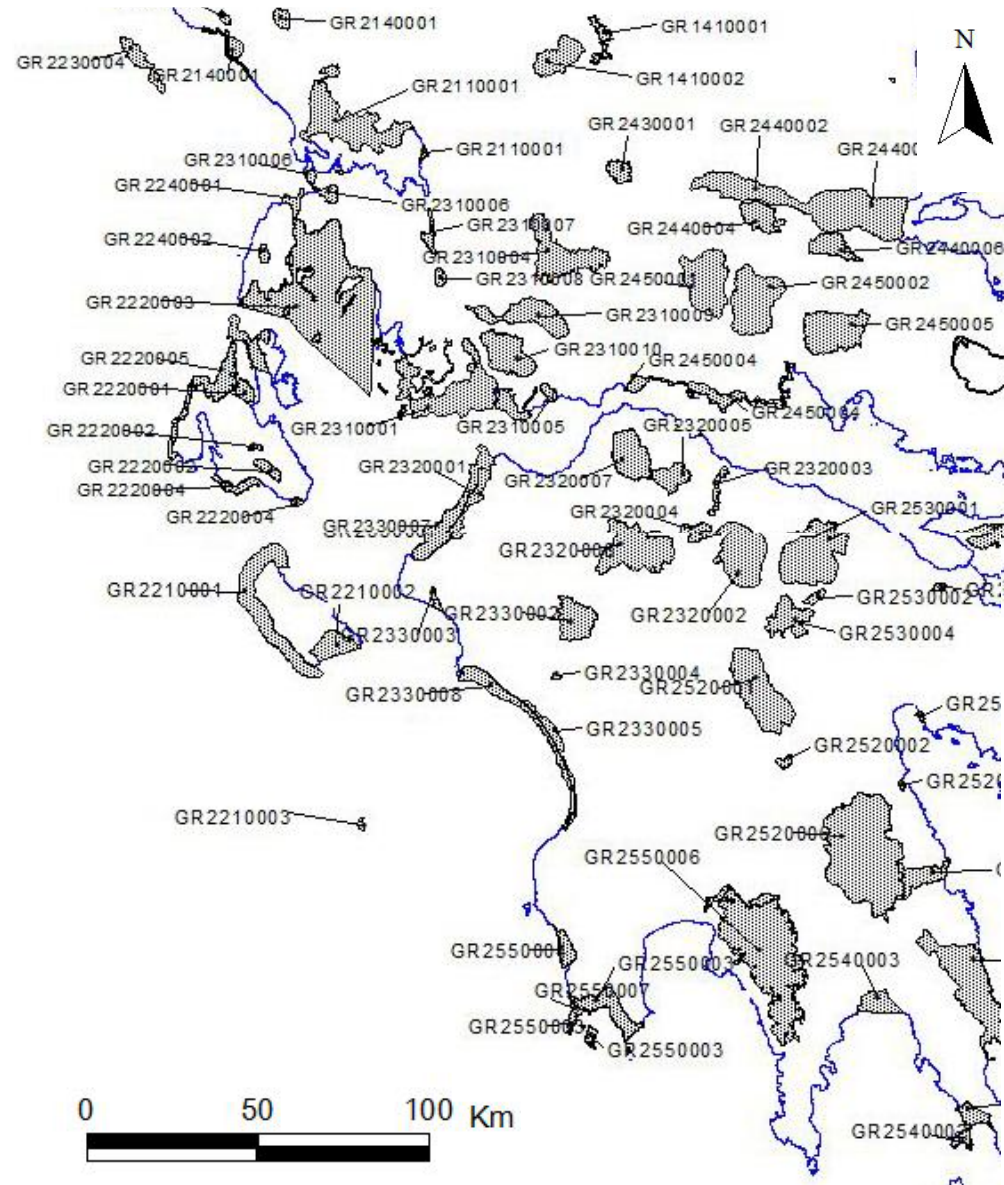
Illegal practices of waste disposal



Source: Pictures by N. Antonopoulos



33 Protected Areas 345,469.5 ha



Map of Sites of Community Importance (SCI)

Source: YPEKA





Education and Research

- University of Patras
- Situated in both Patras and Agrinion.
- Technological Institute of Western Greece.
- Hellenic Open University.
- Patras Science and Technology Park
- FORTH ICEHT
- CTI
- IQ-Net Innovation Show
- Active entrepreneurial community in ICTs





Welcome to Western Greece

Dr. Constantinos Antonopoulos

Post-doctoral Researcher in Environment and Development
Dept. of Environmental & Natural Resources Management,
University of Patras

Email: antonopc@upatras.gr



Policy Instrument





Regional Operational Programme (ROP) 2014-2020: Investments in Growth and Jobs, Western Greece

ROP's ambition is to achieve Europe 2020 targets for smart, sustainable & inclusive growth. Strategic Objectives:

- ✓ Strengthen regional competitiveness by developing innovation and ICT
- ✓ Protect the environment and sustainable development
- ✓ Enhance Transport Infrastructure
- ✓ Enhance educational, health and welfare infrastructure
- ✓ Human Resources Development, Social inclusion & fight discrimination

Main concern: protection of natural environment, maintenance of particular environmental & aesthetic value areas & exploitation of the rich natural & cultural resources of the area





Regional Operational Programme (ROP) 2014-2020: Investments in Growth and Jobs, Western Greece

Thematic Objective 6: “Preservation and protection of environment and promotion of resources efficiency”

Particular emphasis: transformation of the tourism product through the upgrading of culture, which is a priority area of the regional smart specialization strategy. Tourism in conjunction with the culture can, with appropriate adjustments, perform as a driving force of the economy of Western Greece.

It provides great opportunities for *implementing integrated systems of combined technologies and allows the development of specialized activities based on knowledge*. Tourism requires a special kind of policy for innovation, which supports the ability to **generate knowledge and added value** in an industry that does not create the technology, but uses it.





Regional Operational Programme (ROP) 2014-2020: Investments in Growth and Jobs, Western Greece

Even though special attention has been given to the field of preservation of natural (including NATURA 2000 network) and cultural heritage, **the adaption of digitalization policies needs further improvement**, as it will guarantee its preservation and the development of the tourism product deriving from the cultural heritage.

Within the frame of the Regional Smart Specialization Strategy of Western Greece, representatives from the decision-making authorities of the area organized the **entrepreneurial discovery process** for innovative applications and technologies in the sectors of culture and tourism and decided to proceed to ***digitization applications in landmarks on natural and cultural heritage***.

